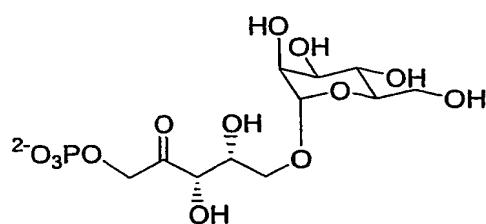
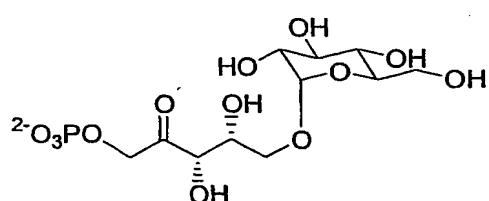


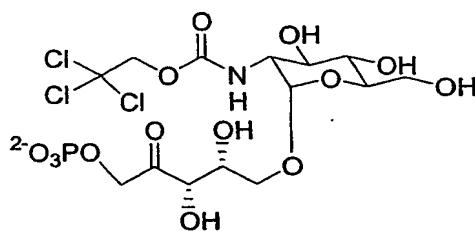
Fig. 1.



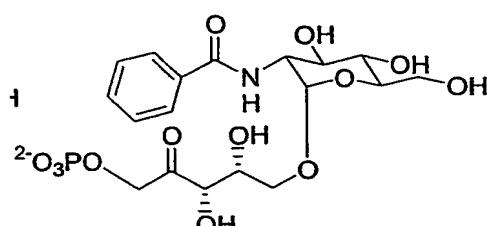
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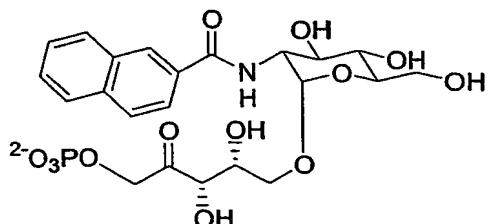
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6d

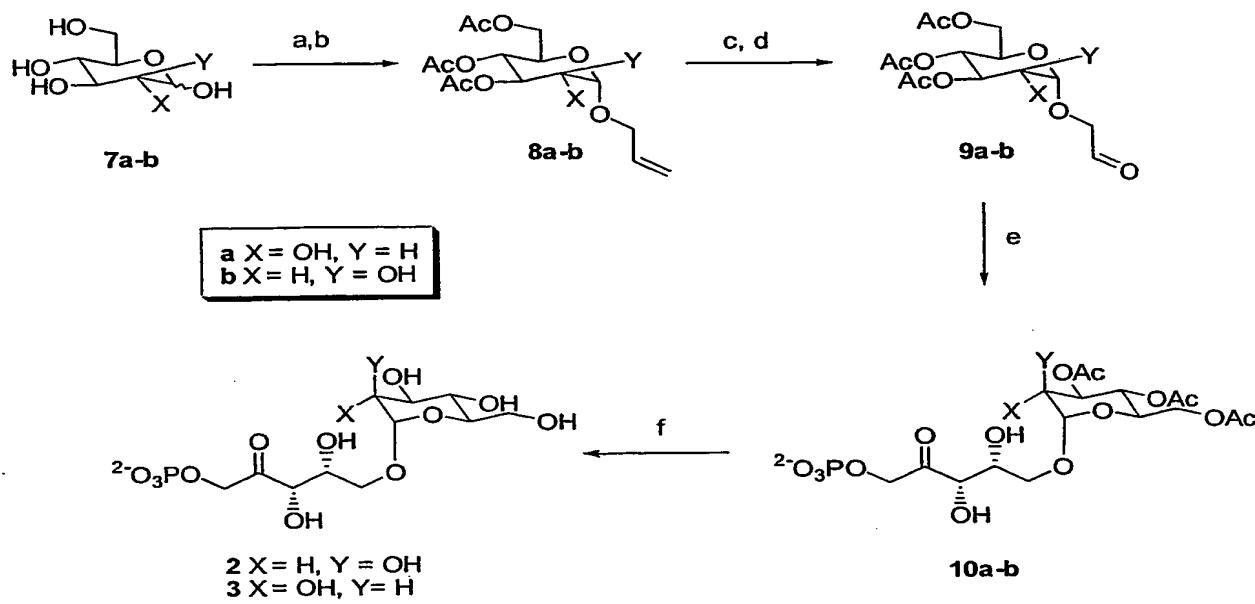


6f



6i

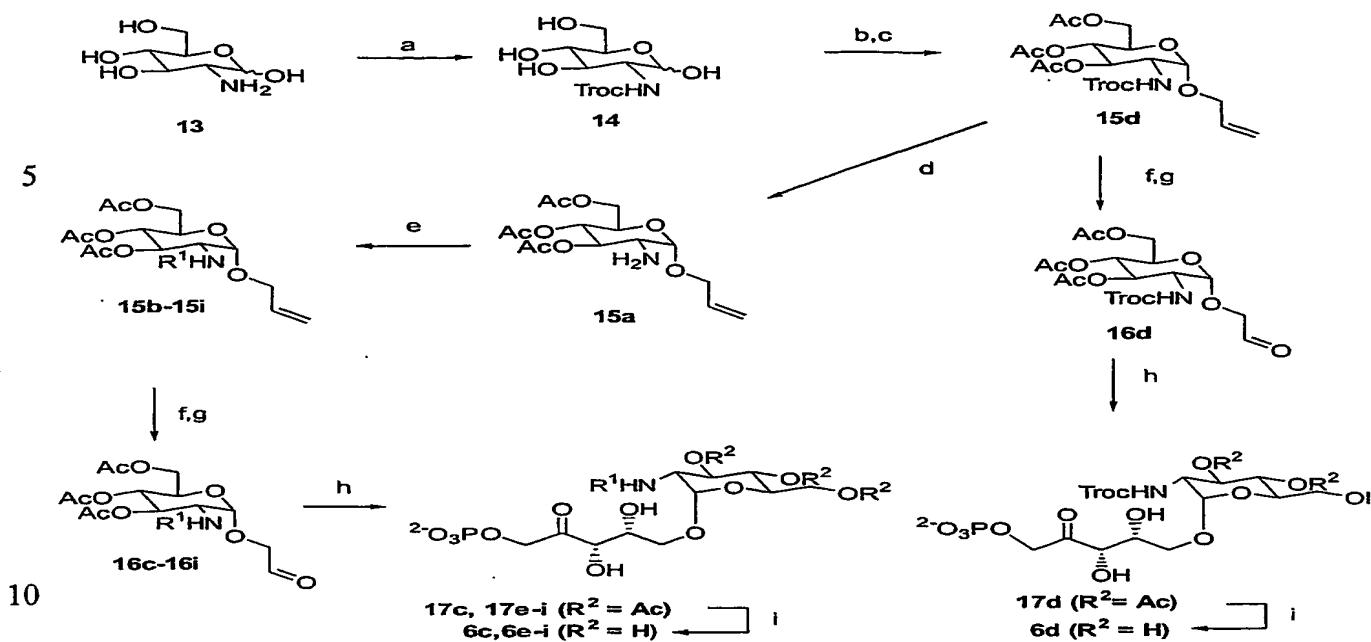
Fig. 2



Reagents: (a) allyl alcohol, camphersulfonic acid; (b) Ac₂O, pyr; (c) OsO₄, NMO; (d) NaIO₄;

15 (e) DHAP, FruA; (f) NaOMe.

Fig. 3



Conditions: (a) Troc-Cl; (b) allyl alcohol, camphersulfonic acid; (c) Ac₂O, pyridine; (d) zinc, AcOH; (e) R¹-Cl; (f) OsO₄, NMO; (g) NaIO₄; (h) DHAP, FruA; (i) NaOMe.

Compound	R ¹	Compound	R ¹
c		g	
d		h	
f		i	